Ontario

Ministry of Natural Resources

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO

GDIF 251

HAGAR TOWNSHIP

DISTRICT OF SUDBURY

Compiled by the Staff of
the Resident Geologist's Office
Sudbury

LOCATION MAP

Scale 1:1 013 760 or 1 inch to 16 miles

86-1436/

NTS Number 41 I/7E, 41 I/8W, 41 I/9W, 41 I/10E

Mining Claim Map Number M 905

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1985: Hagar Township, District of Sudbury; Ontario Geological Survey, Geological Data Inventory Folio 251, compiled by the staff of the Resident Geologist's Office, Sudbury, 16p. and 2 maps.

Original Compilation by: Lacey, Kerry, Feb.10, 1985

Date	Page Revised	Revised by

Date	Page Revised	Revised by

HAGAR TOWNSHIP

TABLE OF CONTENTS

Data Sources Checklist 1
Metals and Minerals Reference List 2
Mineral Occurrences 3
Type of Work 4
Drill Hole Summary 5
Airborne Geophysical Survey Data 6
Geochemical Survey Data 7
Miscellaneous Data 8
Newspaper Clipping File 9
ODM General Index Search 10
Selected References 12
Notes and Addenda 16

ACCOMPANYING MAPS

Property Location Map - 1 map

Exploration Data Map - 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	**20.116 8**	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	**28.349 523**	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	**34.285 714 2**	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	**1.714 285 7**	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	K.L.
2	Assessment Files Research Office, Toronto	N.A.	K.L.
3	ODM General Index; 9 volumes	Yes	K.L.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	K.L.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	K.L.
6	ODM Industrial Mineral Reports	No	K.L.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	K.L.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	Yes	K.L.
9	Newspaper Clippings File	No	K.L.
10	GSC Index to Publications	Yes	K.L.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	Yes	K.L.
12	OGS Index Maps	Yes	K.L.
13	Source Mineral Deposit Records (O.G.S.) Mineral Occurrences File	Yes	K.L.
14	Author - Subject Articles File	No	K.L.
15	Miscellaneous Papers: ODM & OGS	Yes	K.L.
16	ODM Geological Circulars: OGS Study Series	Yes	K.L.
17	ODM Preliminary Reports: ODM Bulletins	Yes	K.L.
18	ODM – OGS Open File Reports	Yes	K.L.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	K.L.
20	OGS Aggregate Resources Inventory Papers	No	K.L.
21	OGS Mineral Potential Maps	Yes	K.L.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . Anhydrite
- △ ank. . . . . Ankerite
- △ anne . . . . . Annabergite
- △ ap. . . . . Apatite
- △ arg . . . . . Argentite
- △ As . . . . . Arsenic
- △ asp . . . . . Arsenopyrite
- △ asb . . . . . Asbestos
- △ ba. . . . . Barite
- △ be. . . . . Beryl
- △ Bi. . . . . Bismuth
- △ bn . . . . . Bornite
- △ bran . . . . . Brannerite
- △ bruc . . . . . Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . Carbonate
- △ cel . . . . . Celestite
- △ cc. . . . . Chalcocite
- △ cp. . . . . Chalcopyrite
- △ ch. . . . . Chert
- △ clay . . . . . Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . Columbite
- △ Cu . . . . . Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- ▲ fel . . . . . Feldspar
- △ fl . . . . . Fluorite (flurospar)
- △ fu. . . . . Fuchsite
- △ gn. . . . . Galena
- △ gt . . . . . Garnet
- △ goe . . . . . Goethite
- △ Au . . . . . Gold
- △ gf . . . . . Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . Ilmenite
- △ Fe . . . . . Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . Magnesite
- △ mag . . . . . Magnetite
- △ mc . . . . . Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . Marble
- △ mar. . . . . Marcasite
- △ ma . . . . . Marl
- △ mi . . . . . Mica
- △ mil . . . . . Millerite
- △ mo . . . . . Molybdenite
- △ Mo . . . . . Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . Niccolite
- △ Ni. . . . . Nickel
- △ Nb . . . . . Niobium
- △ Pd . . . . . Palladium
- △ peat . . . . . Peat
- △ pent . . . . . Pentlandite
- △ Pt. . . . . Platinum
- △ py . . . . . Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . Pyrolusite
- △ po . . . . . Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . . Quartz carbonate vein
- △ ra. . . . . Radioactive minerals
- △ RE . . . . . Rare Earths
- △ sd. . . . . Sand
- ▲ sgl . . . . . Sand and gravel
- △ ss . . . . . Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . Silver
- △ sl . . . . . Slate
- △ sm . . . . . Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . Sphalerite
- △ spd . . . . . Spodumene
- △ staur . . . . . Staurolite
- △ stib. . . . . Stibnite
- ▲ st . . . . . Stone
- △ talc. . . . . Talc
- △ Te . . . . . Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . Thorite
- △ Th . . . . . Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . Tourmaline
- △ trap . . . . . Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- △ U . . . . . Uranium
- △ verm . . . . . Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . Zinc
- △ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Veuve River Feldspar Deposit (Donnen Feldspar Co.) (Dominion? Feldspar Co.)	fel	fel 6	IMC3, p.13	Spence, H. S. Investigations of the Mineral Resources and the Mining Industry. Rept.No.616, p.2, Dept. Mines, Canada, 1923 O.D.M. Map 872A
B	Hagar Stone Deposit Location S½, SE¼, Lot 9, Con.2	st			O.D.M. Map 2271
C	Hagar Sand and Gravel Location N½, NE¼, Lot 13, Con.1	sgl			O.D.M. Map 2271
D	Hagar Sand and Gravel Location N½, SW¼, Lot 13, Con.1	sgl			O.D.M. Map 2271
E	Hagar Sand and Gravel Location N½, SE¼, Lot 14, Con.1	sgl			O.D.M. Map 2271

GDIF FORM NO. 1

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE SUDBURY		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY	QUARRYING		
COMPANY/AUTHOR (file number)																				
1	Beaucage Mines Ltd.	56																		
2	Donnen Feldspar Co. (Dominion? Feldspar Co.) (Veuve River Feldspar Deposit)																	18		

GDIF FORM NO. 2

HAGAR TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for

GDIF FORM NO. 3

6 HAGAR TOWNSHIP

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing

GDIF FORM NO. 4

HAGAR TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		

GDIF FORM NO. 5

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

GDIF FORM NO. 6

NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sudbury

ODM GENERAL INDEX SEARCH

Words searched: CALLUM FELDSPAR MINE
DOMINION FELDSPAR MINE
DONNEN FELDSPAR MINE
FELDSPAR
HAGAR TOWNSHIP
VEUVE RIVER FELDSPAR DEPOSIT

Index Volume	Listing:	Report Volume	Part	Page
2	CALLUM FELDSPAR MINE, Hagar Tp.			
	Shipments (1924)	34	1	79
2	DONNEN FELDSPAR CO.			
	Capital and Date of Charter	28	1	85
	Mining at Markstay	28	1	49
		29	1	38
2	FELDSPAR			
	Industry and statistics (1918)	28		2,4,49
8	HAGAR TP., SUDBURY DIST.			
	anthophylite	GR116		145
	garnet	GR116		145
	Geology of the Burwash area	GR116		
8	VEUVE RIVER			
	Burwash area, Sudbury & Nipissing Dist.	GR116		113-115

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page

GDIF FORM NO. 8

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		REGIONAL GEOLOGICAL COMPILATION MAPS		
Card, K. D., Lumbers, S. B.	1974-75	Sudbury-Cobalt Geological Compilation (revised)	O.G.S. Map 2361	1"=4 mi.
Lumbers, S. B.	1973	River Valley Area, Districts of Nipissing, Parry Sound and Sudbury	O.D.M. Map P.844	1"=1 mi.
	1971	Burwash Area (East Half), Districts of Nipissing, Parry Sound and Sudbury	O.D.M. Map p.680	1"=1 mi.
	1971	Burwash Area (West Half), Districts of Sudbury and Parry Sound	O.D.M. Map P.681	1"=1 mi.
	1966	Burwash Sheet, Districts of Sudbury, Nipissing and Parry Sound	O.D.M. Map 415	1"=2 mi.
Meyn, H. D.	1966	Capreol Sheet, Districts of Sudbury and Nipissing	O.D.M. Map 367	1"=2 mi.
		GEOPHYSICAL MAPS		
Gupta, V. K., Wadge, D. R.	1980	Bouguer Gravity and Generalized Geological Map - North Bay-Marten River Districts of Nipissing and Sudbury	P.2297	1:100 000
	1981	Bouguer Gravity and Generalized Geological Map - Sudbury-Onaping Lake Area Districts of Sudbury and Algoma	P.2482	1:100 000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		AEROMAGNETIC MAPS		
O.D.M.-G.S.C.	1965	Capreol Ontario	Map 1510G	1"=1 mi.
	1965	Coniston Ontario	Map 1511G	1"=1 mi.
	1965	Sudbury Sheet	Map 1501G	1"=1 mi.
	1965	Verner	Map 1500G	1"=1 mi.
	1965	Glen Afton	Map 7067G	1"=4 mi.
O.G.S.-G.S.C.	1976	Uranium Reconnaissance Program Airborne Gamma Ray Spectrometer Survey Sudbury, Ontario	O.G.S. Map 1610	1:250,000
		SURFICIAL, PLEISTOCENE, TERRAIN, ENGINEERING		
		Topographic Maps		
Dept. of Energy, Mines and Resources Army Survey Establishment, R.C.E.	1975	Capreol East		1:50 000
	1953-58	Coniston East		1:50 000
	1975	Glen Afton West		1:50 000
	1964	Verner West		1:50 000
Gartner, J. F.	1980	N.O.E.G.T.S. Data Base Map, Capreol	Map 5001	1:100 000
	1980	N.O.E.G.T. Study 95, Capreol		
	1980	N.O.E.G.T.S. Data Base Map, Sudbury	Map 5003	1:100 000
	1980	N.O.E.G.T. Study 100, Sudbury		

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
		MINERAL POTENTIAL MAPS		
O.G.S. and Mineral Resources Bank	1982	Mineral Potential Map of Ontario West Central Sheet	OFR5327	1"=16 mi.
Meyn, H. D. and Howarth, J. R.	1977	Molybdenum Deposits of Ontario, East Central Sheet	O.G.S. Map P.1246	1"=16 mi.
Springer, J.	1976	Ontario Mineral Potential Sudbury Sheet, Districts of Algoma, Nipissing, Sudbury, Parry Sound and Manitoulin	O.G.S. Map P.1511	1"=250 000
		GEOCHEMICAL		
		None as of Feb.13, 1985		
		GEOLOGICAL REPORTS AND MAPS		
Hewitt, D. F.	1953	Feldspar in Ontario	O.D.M. - IMC3	p.13
Lumbers, S. B.	1975	Geology of the Burwash Area Districts of Nipissing, Parry Sound, Sudbury	GR116 Map 2271	1"=2 mi.
Thomson, J. E.	1960	Uranium and Thorium Deposits at the Base of the Huronian System in the District of Sudbury	GR1	Chart 1
		JOURNAL ARTICLES, THESES, TECHNICAL REPORTS		
Davis, G. L.	?	Geochronology and Geochemistry of the Grenville Province	Sudbury File, 3-4	p.224-230
	?	The Age of Metamorphism in the Grenville Province and Age of the Grenville Front	Sudbury file, 3-4	p.307-315

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Henderson, J. R.	1967	Structural and Petrographic Relations Across the Grenville Province, Southern Province Boundary, Sudbury, Ontario	Sudbury file, 27	
Latour, T. E.	1981	Significance of Folds and Mylonites at the Grenville Front in Ontario (Summary)	G.S.A.-Bull.Vol.92, pt.1	p.411-413
Laurin, A.	1955	The Problem of the Boundary Between the Grenville and Temiskaming Province, Ontario. B.Sc. Laval	MP2	

GDIF FORM NO.9

Ontario

Ministry o
Natural
Resource

ONTARIO GEOLO

PROPERTY LO

GEOLOGICAL DATA INV

(Map 1

HAGAR TO

DISTRICT O

Scale 1

Mile 0.5 0

Kilometre 0.5 0

EXPLORATION

48°32'

80°26'

River

Branch

Veuve

3

1

2 LINES

MICRO-WAVE TOWER

North

Ratter Lake

1,2

2

Markstay

CANADIAN PIPELINE (GAS)

PACIFIC

17

MICRO-WAVE TOWER

PIPELINE (GAS)

Ministry of Natural Resources
Ontario

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 251

(Map **1** of **2**)

HAGAR TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

Reference number is always inside

Ontario Natural Resources

ONTARIO GEOLO

PROPERTY LO

GEOLOGICAL DATA INV

(Map 1

HAGAR TO

DISTRICT O

Scale 1:

Mile 0.5 0

Kilometre 0.5 0

Markstay

Veuve Branch

Veuve North

Rotter Lake

2 LINES

MICRO-WAVE TOWER

CANADIAN PACIFIC PIPELINE (GAS)

CANADIAN PACIFIC RIVER

PIPELINE (GAS)

1,2

1

2

17

80°33'

46°27'30"

EXPLORATION

Reference number
See listing in text p

x 4 Small area of explo

Ontario
Natural Resources

Minister
Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 251

(Map 1 of 2)

HAGAR TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

EXPLORATION DATA FILE AREAS

■ 1/8 — Reference number is always inside work area outlined. See listing in text pages.

□ x 4 — Small area of exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

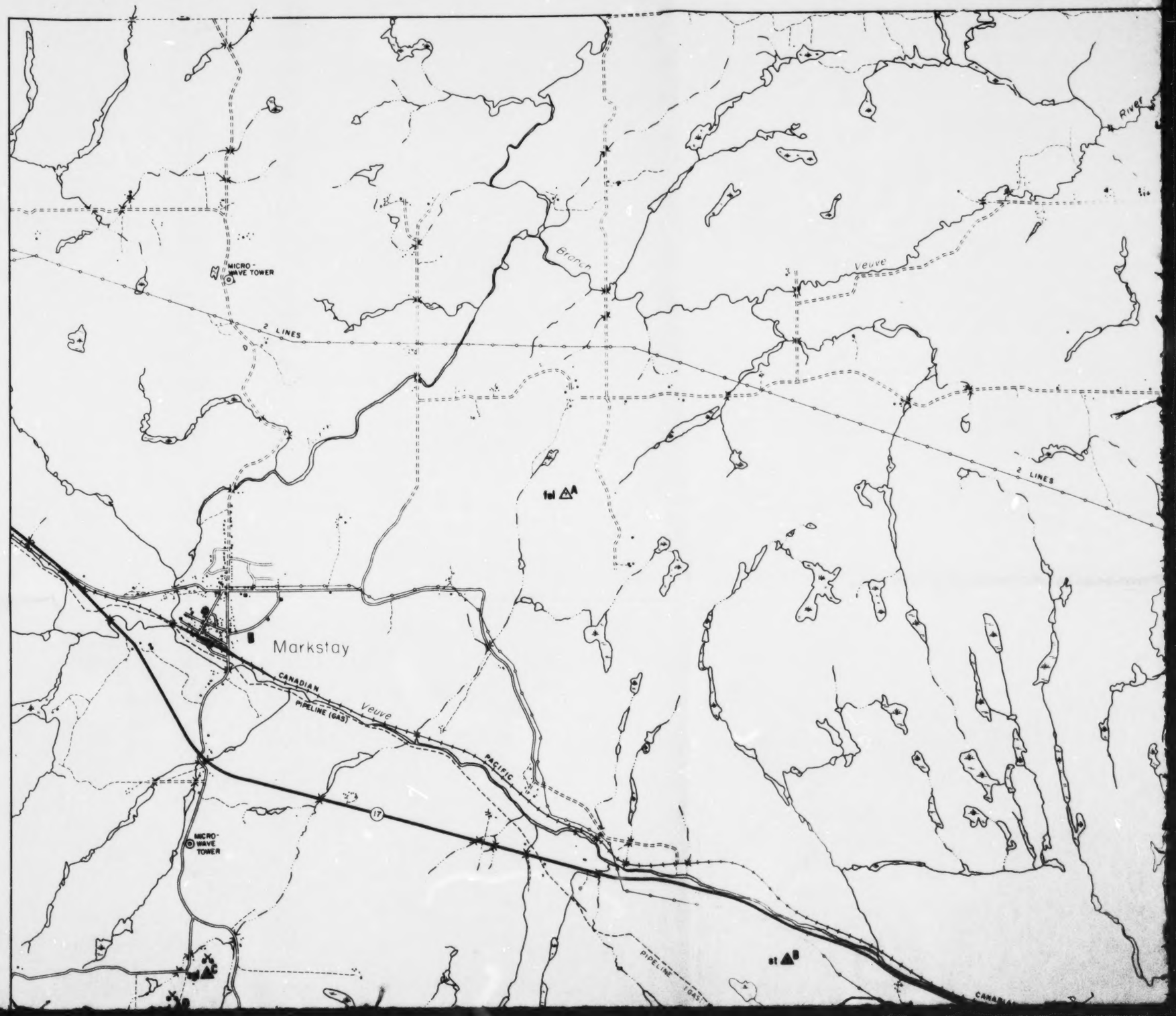
- ☐ Geochemical sample site, with reference number
- ☐ Area of geochemical sampling, with reference number
- ☐ Age dating material sampling site, with reference number

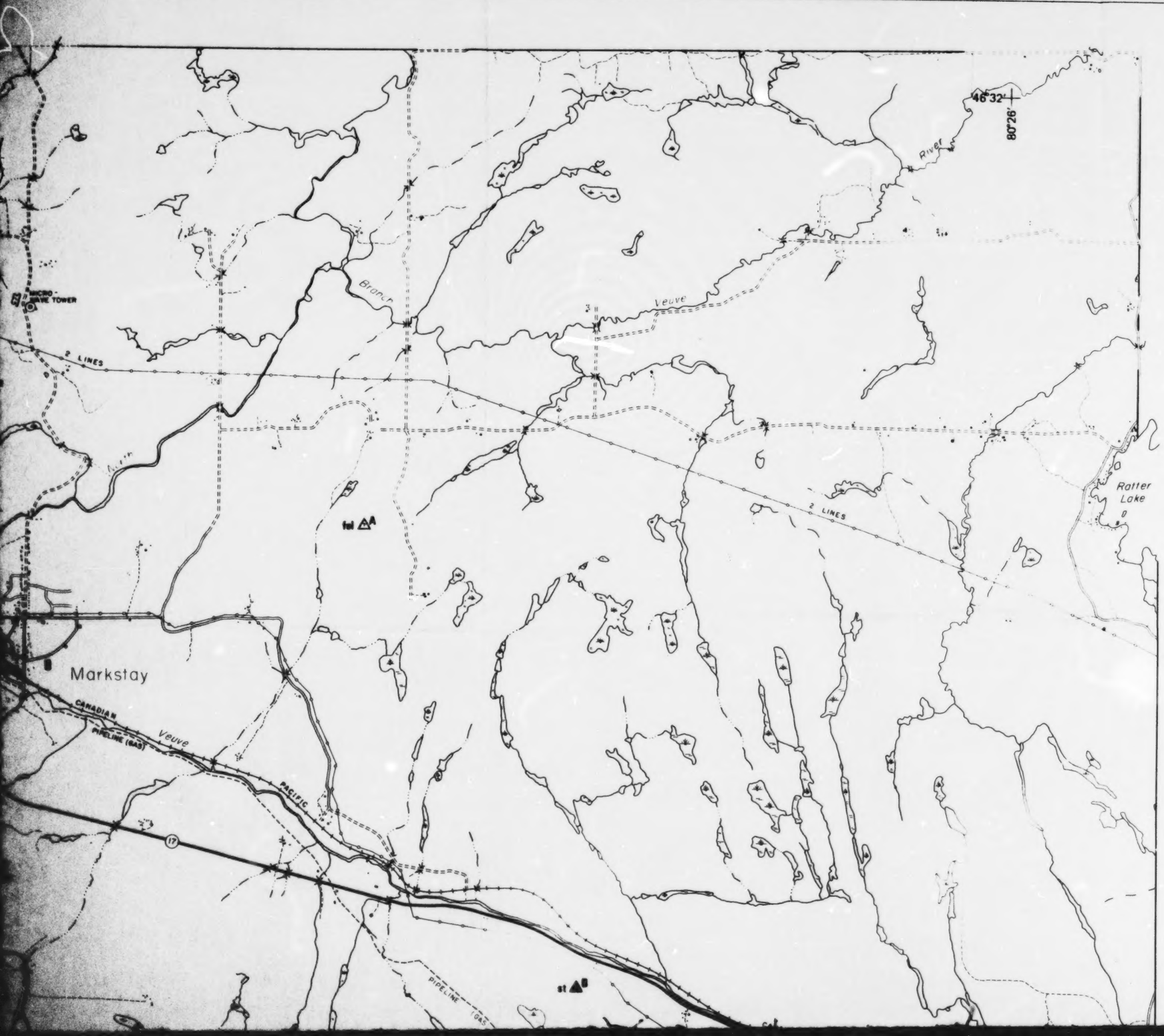
GEOPHYSICAL ANOMALIES

- ☐ AM — Airborne Magnetometer Anomaly
- ☐ Airborne Electromagnetometer Anomaly
  Length of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly.
  Location of anomaly along flight line
- ☐ Airborne Electromagnetometer Anomaly
  Conductor Axis: definite, probable, possible
- ☐ ARA — Airborne Radiometric Anomaly
- ☐ M — Ground Magnetometer Anomaly
- ☐ VL — Ground Electromagnetometer Anomaly
  (VL - Vertical Loop; HL - Horizontal Loop;
  VLF - Very low freq; Turam; JEM -
  Crone EM - 16)
- ☐ RA — Ground Radiometric Anomaly
- ☐ IP — Induced Polarization Anomaly
- ☐ SP — Self Potential Anomaly
- ☐ AFMAG — Audio-frequency magnetometer anomaly
  (total intensity)
- ☐ R — Resistivity Anomaly
- ☐ GR — Gravity Anomaly

MISCELLANEOUS DATA

- ☐ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit





Ministry of Natural Resources

Ontario

Hon. Michael Harris
Minister

Mary Mogford
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 251

(Map **2** of **2**)

HAGAR TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- Mineral occurrence at surface, with reference letter
- Mineral occurrence with shaft, depth given with reference letter
- Mineral occurrence reported but exact location uncertain, with reference letter
- Mineralized Float with reference letter

DRILL HOLES

- Location of single drill hole, with reference number
- Location of closely spaced group of drill holes, with reference number

Area of geochemical sampling, with reference number

Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

AM — Airborne Magnetometer Anomaly

Airborne Electromagnetometer Anomaly
Length of anomaly along flight line

Airborne Electromagnetometer Anomaly.
Location of anomaly along flight line

Airborne Electromagnetometer Anomaly
Conductor Axis: definite, probable, possible

ARA — Airborne Radiometric Anomaly

M — Ground Magnetometer Anomaly

VL — Ground Electromagnetometer Anomaly
(VL - Vertical Loop; HL - Horizontal Loop;
VLF - Very low freq; Turam; JEM -
Crone EM - 16)

RA — Ground Radiometric Anomaly

IP — Induced Polarization Anomaly

SP — Self Potential Anomaly

AFMAG — Audio-frequency magnetometer anomaly
(total intensity)

R — Resistivity Anomaly

GR — Gravity Anomaly

MISCELLANEOUS DATA

Trenching, pit

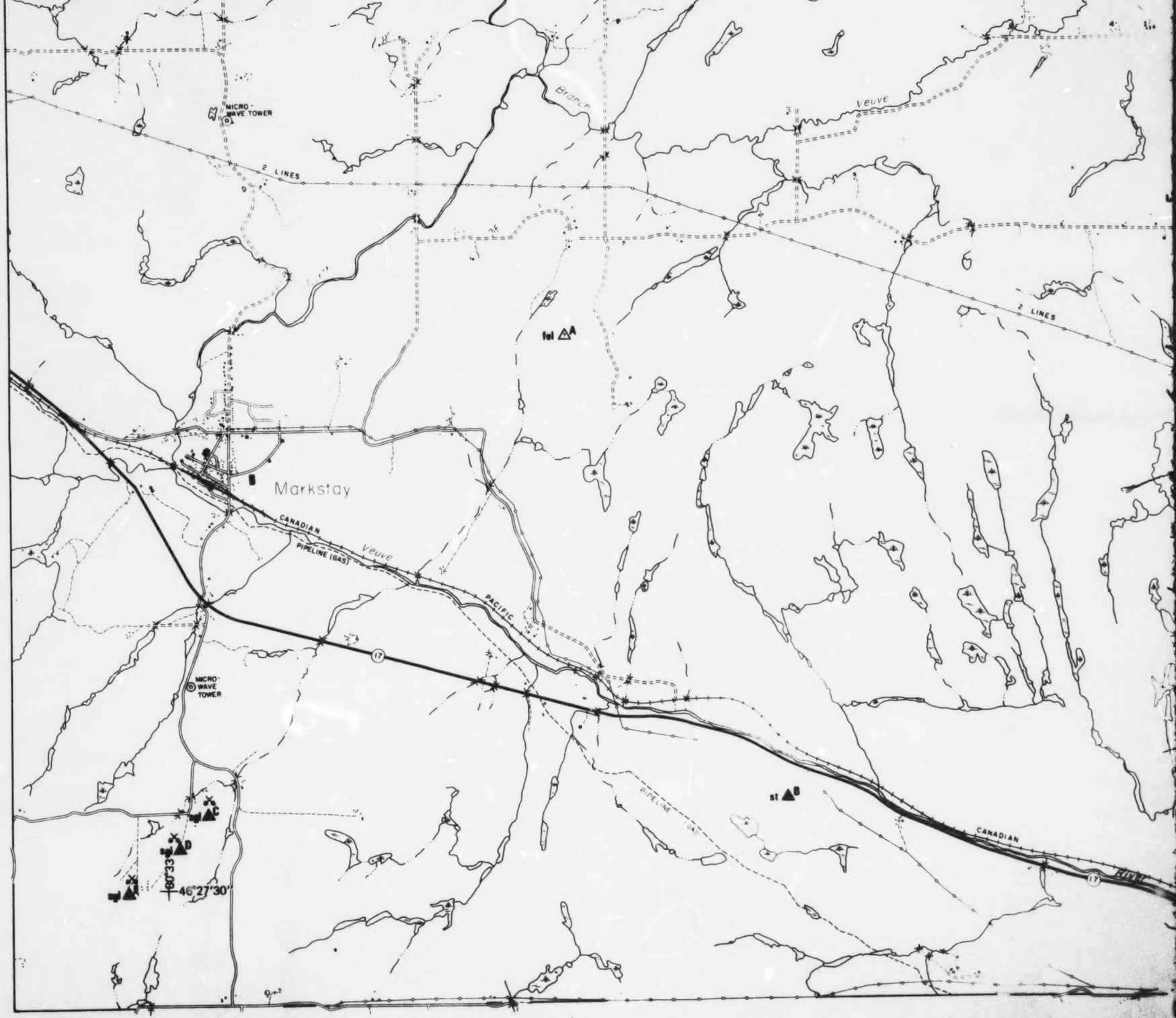
Adit

Open pit

Rock quarry

Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 251

(Map **2** of **2**)

HAGAR TOWNSHIP

DISTRICT OF SUDBURY

Scale 1:31 680

Mile 0.5 0 0.5 1 Mile

Kilometre 0.5 0 0.5 1 Kilometre

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ☒ cp▲A. — Mineral occurrence at surface, with reference letter
- ☐ Au◪A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ☒ Ag(?)A. — Mineral occurrence reported but exact location uncertain, with reference letter
- ☐ cp▬A. — Mineralized Float with reference letter

DRILL HOLES

- ☐ ●² — Location of single drill hole, with reference number
- ☐ ◉² — Location of closely spaced group of drill holes, with reference number
- ☐ (?)² — Drill hole, exact location uncertain, with reference number.
- ☐ ◎ — Property with underground drill holes in this general area, with reference number
- ☐ ○² — Property with drill holes which have not been plotted on map, with reference number
- ☐ ⊕² — Reverse Circulation Drill Hole; Churn drilling, with reference number

2014-22